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TO: [REDACTED]  
INFO: [REDACTED]  
FROM: [REDACTED]  
SUBJECT: Weekly Activity Report

This report highlights the activities of the Resident Office during the period 21 through 25 July 1969.

I. System Status

A. J-46 Evaluation of data from Dr. "A" test confirmed dynamic flatness of film in the format area. The Orbital Sine Function Generator (OSFG) and the clock were tested for accuracy. The clock was found to run slightly erratic. It was retested and found to operate satisfactorily. The problem was a procedural one in that insufficient warm-up time was used prior to test. Cycle rates were rechecked with the repaired star wheel drive assemble. Evaluation of data is not yet completed. Pending acceptable cycle rates testing, this system is at R-15 status.

B. CR-7 Mission 1107 (CR-7) was successfully launched one minute into the launch window at 0131Z on 24 July. At Rev 1 [REDACTED] microwave data indicated a possible problem with the No. 2 (forward-looking) instrument. It was confirmed by Rev 3 that instrument had failed after only 13 cycles of camera operation. The No. 1 (aft-looking) instrument functioned normally. Two instances of improper shifting of the DSR were experienced. These were both corrected real time with no loss in operational coverage. The tracking stations demonstrated minor command problems early in the

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mission; however, these were resolved with no further recurrence at this time. With the loss of the No. 2 instrument, the SRV dynamic stability was jeopardized. In order to optimize the stability as well as recovery and obtain the greatest amount of information from both buckets, the figures for filling the "A" and "B" T/U were adjusted. For main instrument No. 1 T/U 3050 cycles (versus 3100 nominal), for the DISIC 2050 cycles (versus 2510 nominal). The figures were agreed upon between [REDACTED] and [REDACTED] personnel.

C. CR-8 Pre-HIVOS - installed HIVOS load for the main instruments and DISIC. Started final CTI continuity checks.

D. CR-9 Completed HIVOS. System returned to [REDACTED] for film recovery and demate. Data evaluation underway.

E. CR-10 Acceptance testing continues. Found loose wire in T/M filter position pot. Started thermal taping of main instruments.

F. CR-11 Continuing with modifications.

## II. Meetings Held by the Resident Office

Mission 1107 review attended by [REDACTED] Resident Office, and all contractors was held on 25 July 1969.

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